Index of Claims

Application/Control No.

Applicant(s)/Patent under Reexamination

COLLINS ET AL.

10/646,527

Date

Examiner

Art Unit

Maureen G. Arancibia

1763

✓ Rejected= Allowed

(Through numeral)
Cancelled

Restricted

Claim

Non-Elected

I Interference

A Appeal
O Objected

| Cla   | im  | Date                                     |                        |   |      |   |    |   |   |   |
|-------|---|--|------------------------|---|------|---|----|---|---|---|
| Ula   | -   |  | -                      | ! | Jail | _ |    |   | Н |   |
| Final | Original  | 1/3/06                                   | 9/13/06                |   |      |   |    |   |   |   |
|       | 1   | 1  | 1                      |   |      |   |    |   |   | П |
|       | 1<br>2<br>3<br>4<br>5                                   | √  | 7                      |   |      |   |    |   |   | П |
|       | 3   | √  | 7                      |   |      |   |    |   |   |   |
|       | 4   | 1  | 4                      |   |      |   |    |   |   |   |
|       | 5   | 1  | 1                      |   |      |   |    |   |   | П |
|       | 6<br>7  | 1  | 1                      |   |      | Г |    |   |   | П |
|       | 7   | 4  | 1                      |   |      |   |    |   |   | П |
|       | 8   | 4  | 1                      |   |      |   |    |   |   |   |
|       | 9   | 1  | 1                      |   |      |   |    |   |   |   |
|       | 10  | 4  | 1                      |   |      |   |    |   |   |   |
|       | 11  | 1  | 1                      |   |      |   |    |   |   |   |
|       | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | ファ | ファファファファファファファファファファファ |   |      |   |    |   |   |   |
|       | 13  | 1  | 1                      |   |      |   |    |   |   |   |
|       | 14  | 1  | 1                      |   |      |   |    |   |   |   |
|       | 15  | 1  | 1                      |   |      |   |    |   |   |   |
|       | 16  | 4  | 7                      |   |      |   |    |   |   |   |
|       | 17  | 1  | 1                      |   |      |   |    |   |   |   |
|       | 18  | 1  | 1                      |   |      | Г |    |   |   |   |
|       | 19  | 1  | 1                      |   |      |   |    |   |   |   |
|       | 20  | 1  | 1                      |   |      | Г |    |   |   | П |
|       | 21  | 1  | 1                      |   |      | Г |    |   |   | П |
|       | 22  | 1  | 1                      |   |      |   |    |   |   |   |
|       | 23  | 1  | 1                      |   |      |   |    |   |   | П |
|       | 24  |  | 1                      |   |      |   | Г  |   |   | П |
|       | 25  |  | 1                      |   |      |   |    |   |   |   |
|       | 20<br>21<br>22<br>23<br>24<br>25<br>26<br>27            |  |                        |   |      |   |    |   |   |   |
|       | 27  |  |                        |   |      |   |    |   |   |   |
|       | 28<br>29  |  |                        |   |      |   |    |   |   |   |
|       | 29  |  |                        |   |      |   |    |   |   |   |
|       | 30  |  |                        |   |      |   |    |   |   |   |
|       | 31  |  |                        |   |      |   |    |   |   |   |
|       | 32  |  |                        |   |      |   |    |   |   |   |
|       | 33  |  |                        |   |      |   |    |   |   |   |
|       | 33<br>34  |  |                        |   |      |   |    |   |   |   |
|       | 35  |  |                        |   |      |   |    |   |   |   |
|       | 36<br>37  |  |                        |   |      |   |    |   |   |   |
|       | 37  |  |                        |   |      | L |    |   |   |   |
|       | 38  |  |                        |   |      |   |    |   |   |   |
|       | 39  |  |                        |   |      |   |    |   |   |   |
|       | 40  |  |                        |   |      |   |    |   |   |   |
|       | 41  |  |                        |   |      |   |    |   |   |   |
|       | 42  |  |                        |   |      |   |    |   |   |   |
|       | 43  |  |                        |   |      |   |    | L |   |   |
|       | 44  |  |                        |   |      |   |    |   |   |   |
|       | 45  |  |                        |   |      |   |    |   |   |   |
|       | 46  |  |                        |   |      |   |    |   |   |   |
|       | 47  |  |                        |   |      |   |    |   |   |   |
|       | 48  |  |                        |   |      |   | L. |   |   |   |
|       | 49  |  |                        |   |      |   |    |   |   | П |
|       | 50  |  |                        |   |      |   |    |   |   |   |

|     | Final    | Original       |          |               |  |          |                   |   |          |  |          |
|-----|----------|----------------|----------|---------------|--|----------|-------------------|---|----------|--|----------|
| -   |          | 51             |          |               |  |          |                   |   | _        |  |          |
|     | _        | 52             |          |               |  |          |                   |   |          |  |          |
|     |          | 52<br>53       |          | $\overline{}$ |  |          |                   | _ |          |  |          |
|     |          | 54             |          |               |  |          |                   |   |          |  |          |
|     |          | 55             |          |               |  |          |                   |   |          |  |          |
|     |          | 56             |          |               |  |          |                   |   |          |  |          |
|     |          | 57             |          |               |  |          | П                 | _ | _        |  |          |
|     |          | 58             |          |               |  |          |                   |   |          |  |          |
|     |          | 59             |          |               |  |          |                   |   |          |  |          |
|     |          | 60             |          |               |  |          |                   |   |          |  |          |
|     |          | 61             |          |               |  |          |                   |   |          |  |          |
|     |          | 62             |          |               |  |          |                   |   |          |  |          |
|     |          | 63             |          |               |  |          |                   |   |          |  |          |
|     |          | 64             |          |               |  |          |                   |   |          |  |          |
|     |          | 65             |          |               |  |          |                   |   |          |  |          |
|     |          | 66             |          |               |  |          |                   |   |          |  |          |
|     |          | 67             |          |               |  |          |                   |   |          |  |          |
|     |          | 68             |          |               |  |          |                   |   |          |  |          |
|     |          | 69             |          |               |  |          |                   |   |          |  |          |
|     |          | 70             |          |               | _  |          | $ldsymbol{f eta}$ |   |          |  | L        |
|     |          | 71             |          |               |  | _        | L                 |   |          | _  |          |
|     |          | 71<br>72<br>73 |          |               |  | <u>_</u> | L                 |   |          |  |          |
| -   |          | 73             | L        |               | L  |          |                   |   |          |  |          |
|     |          | 74<br>75       |          |               | L  |          |                   |   |          |  |          |
| ı   |          | 75             |          |               | L  | L        |                   |   |          | L  |          |
| -   |          | 76             | _        |               | _  | _        |                   |   |          | _  | _        |
|     |          | 77<br>78       | _        | _             | <u> </u>   | L        | _                 |   | _        |  | _        |
| - 1 |          | 78             |          |               | <u> </u>   | <u> </u> | _                 |   |          |  | _        |
|     |          | 79             | H        |               | L  | _        |                   |   |          | _  | _        |
|     |          | 80             | H        |               | <u> </u>   | _        |                   |   |          | H  |          |
|     |          | 81             | H        |               | -  |          | _                 | _ |          | _  | _        |
|     |          | 82<br>83       |          | _             | <u> </u>   | ┝        |                   | _ | _        | ⊢  | _        |
|     |          | 03             | H        |               |  | -        | <del> </del>      | _ |          | <u> </u>   | _        |
|     | <u> </u> | 84             | H        | _             | ┝  | ┝        | ⊢                 | _ | _        | ⊢  | _        |
|     |          | 85<br>86       |          |               | ⊢  | ┢        | $\vdash$          | _ | _        | $\vdash$   |          |
|     |          | 87             | H        | -             | ⊢  | -        | $\vdash$          | _ |          | $\vdash$   | -        |
|     |          | 90             | -        |               | ┝  | -        | <del> </del>      | _ | -        | ┝  | -        |
|     |          | 88<br>89       | -        | -             | ┝  | ┝        | H                 | - | -        | ┢  | -        |
|     |          | 90             |          | _             | ┢  | $\vdash$ | -                 | _ |          | $\vdash$   | $\vdash$ |
|     |          | 91             | -        | -             | ┝  | $\vdash$ |                   | _ | $\vdash$ | $\vdash$   |          |
|     |          | 92             | -        |               | <u> </u>   | H        |                   | _ | $\vdash$ |  | $\vdash$ |
|     |          | 93             | H        |               | $\vdash$   | -        |                   | _ | _        | -  | $\vdash$ |
|     |          | 94             | $\vdash$ | $\vdash$      | $\vdash$   | $\vdash$ |                   | _ | $\vdash$ | <del>                                     </del> | $\vdash$ |
|     |          | 95             |          |               | $\vdash$   |          |                   | _ | $\vdash$ | $\vdash$   | $\vdash$ |
|     |          | 96             | Г        |               | <del>                                     </del> | Г        |                   | Г | _        | $\vdash$   | Г        |
|     |          | 97             | Г        |               |  | $\vdash$ |                   |   |          |  |          |
|     |          | 98             |          |               |  | Г        | П                 | Т |          |  | Г        |
|     |          | 99             |          |               | Г  |          | П                 |   |          |  | ┢        |
|     |          | 100            |          |               |  |          |                   |   | -        |  |          |
|     |          |                |          |               | _  | _        | _                 |   |          |  | _        |

| Claim        |  | Date   |          |          |  |          |  |  |          |          |  |
|--------------|--|--|----------|----------|--|----------|--|--|----------|----------|--|
|              |  |  |          |          |  |          |  |  |          |          |  |
| a            | Original   |  |          |          |  |          |  |  |          |          |  |
| Final        | rigi   |  |          |          |  |          |  |  |          |          |  |
| _            | O  |  |          |          |  |          |  |  |          |          |  |
|              | 101  | Н  | -        | _        | -  | _        | H  | $\vdash$   | $\vdash$ | $\dashv$ |  |
|              | 101<br>102   | Н  |          | -        |  | _        | _  | -  |          | $\dashv$ |  |
|              | 102  | Н  | _        |          | _  |          | _  |  | _        | $\dashv$ |  |
| -            | 103  | $\vdash$   | _        |          |  | _        | _  | _  |          | $\dashv$ |  |
|              | 103<br>104<br>105                                    |  |          |          |  | _        |  |  |          | $\dashv$ |  |
|              | 105  | _  | _        | $\vdash$ |  | _        |  |  |          |          |  |
|              | 106<br>107<br>108                                    | Н  | -        | <u> </u> |  | _        | _  | _  |          | $\dashv$ |  |
|              | 107  | _  |          | $\vdash$ | Н  | _        | _  |  |          | -        |  |
|              | 108  |  |          | $\vdash$ |  |          |  |  |          | $\dashv$ |  |
|              | 109  | _  |          |          |  | _        |  | _  |          | $\dashv$ |  |
|              | 110  | _  |          |          |  |          |  | _  | _        | _        |  |
|              | 111  | Щ  | _        | <u> </u> |  | $\vdash$ | _  | $\vdash$   | $\vdash$ |          |  |
|              | 112  | $\sqcup$   |          | _        |  | _        | _  | L  |          |          |  |
| <u> </u>     | 113  | Щ  |          | Щ        |  | _        |  | Ц.   |          |          |  |
|              | 114  | Ш  |          |          | Ш  |          |  |  |          |          |  |
|              | 109<br>110<br>111<br>112<br>113<br>114<br>115<br>116 | Щ.   | L.,      | L        |  |          |  | Щ  |          |          |  |
|              | 116  | Ш  | Ш        |          | Ш  | Ш        | Ш  |  | $\Box$   |          |  |
|              | 117<br>118<br>119                                    |  |          |          |  |          |  |  |          |          |  |
|              | 118  |  |          |          |  |          |  |  |          |          |  |
|              | 119  |  |          |          |  |          |  |  |          |          |  |
|              | 120  |  |          |          |  |          |  |  |          |          |  |
|              | 121  |  |          |          |  |          |  |  |          |          |  |
|              | 122  |  |          |          |  |          |  |  |          |          |  |
|              | 120<br>121<br>122<br>123<br>124                      |  |          |          |  |          |  |  |          |          |  |
|              | 124  |  |          |          |  |          |  |  |          |          |  |
|              | 125  |  |          |          |  |          |  |  |          |          |  |
|              | 125<br>126<br>127                                    |  |          |          |  |          |  |  |          |          |  |
|              | 127  |  |          |          |  |          |  |  |          |          |  |
|              | 128  |  |          |          |  |          |  |  |          |          |  |
|              | 129  |  |          |          |  |          |  |  |          |          |  |
|              | 130  |  |          |          |  |          |  |  |          |          |  |
|              | 131  |  |          |          |  |          |  |  |          |          |  |
|              | 128<br>129<br>130<br>131<br>132<br>133<br>134<br>135 |  |          |          |  |          |  |  |          | П        |  |
|              | 133  |  |          |          |  |          |  | Г  |          |          |  |
|              | 134  |  |          |          |  |          |  |  |          | П        |  |
|              | 135  |  |          |          |  |          |  |  |          | П        |  |
|              | 136  |  |          |          |  |          |  |  |          | П        |  |
|              | 136<br>137   |  |          | _        |  |          |  |  |          | П        |  |
|              | 138  |  |          |          | Г  |          | Г  | Г  | Г        | П        |  |
|              | 139  |  | _        | Т        |  | Г        | г  | Т  | Г        |          |  |
|              | 140  |  |          |          | $\Box$   | Г        |  | Г  | г        | М        |  |
|              | 141  |  | Т        |          | Г  | Т        |  | Г  | Г        | $\vdash$ |  |
|              | 142  |  |          |          | $\vdash$   |          |  |  | _        | $\vdash$ |  |
|              | 143  |  |          |          | $\vdash$   |          | -  |  |          | $\vdash$ |  |
| <u> </u>     | 144  | $\vdash$   |          |          |  | $\vdash$ | $\Box$   | Г  | Т        | $\dashv$ |  |
|              | 145  | $\vdash$   | _        | Г        |  | $\vdash$ |  |  |          | H        |  |
|              | 146  |  |          | $\vdash$ | T-   | ┢        | <b></b>  | 1  |          | Н        |  |
|              | 147  |  | $\vdash$ | Т        | Т  | $\vdash$ | Ι-   | Г  | _        | Н        |  |
| <u> </u>     | 148  | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$   | ┢  | Ι        | Н        |  |
| -            | 149  | _  | _        | $\vdash$ | $\vdash$   |          | -  | $\vdash$   | $\vdash$ | Н        |  |
| <del> </del> | 150  | <del>                                     </del> | -        | $\vdash$ | <del>                                     </del> | _        | <del>                                     </del> | <del>                                     </del> | $\vdash$ | H        |  |
|              |  |  |          |          | 11   |          |  | 1  |          |          |  |